



**On-Demand  
Learning  
Platform**

## deliver software online | extend computer life

*UltraCAST™ makes it easy to implement and manage application-serving. It uses the latest industry-standard Microsoft™ or Citrix™ technologies to deliver software to thousands of PCs, Macs and thin-client devices.*



*UltraCAST™ provides application serving to Web-enable software and help save thousands on annual hardware renewal, support and cost of maintenance.*



**UltraCAST™**

**UltraCAST™** allows you to deliver software online, manage licenses and report on usage. Instructors can schedule software for courses and users can reserve software for future use. Reporting tools provide insight into usage, identifying where licensing costs might be reduced.

**UltraCAST™** technology centralizes software programs on highly reliable servers. Almost any computer, regardless of brand, version or operating system, can connect to the server and run the software utilizing the server's CPU and memory. The PC merely "sees" an image of what is running on the server, sending only small packets of information over the network, for keyboard and mouse movements.

Thousands of simultaneous sessions can be run over the network. Because software programs do not need to be installed on each computer, **UltraCAST™** reduces time spent maintaining PCs while increasing reliability and performance. Software is now being processed on high-speed servers instead of local computers so even older computers can run the latest version of software without degradation in performance.

### Deliver New Services

- ▶ Make software, documents and data available off site
- ▶ Create new possibilities for distance-learning initiatives
- ▶ Software will run faster and more reliably than ever before
- ▶ Available over LAN, WAN, Internet or wireless networks
- ▶ Works with PCs, Macs, Solaris, Linux, even handheld devices

### Extend Your Reach

- ▶ New software or upgrades installed one time for everyone
- ▶ Software is accessible from anywhere there is Internet access, whether at work, school, home or traveling
- ▶ Increase productivity—wherever you log on, you will see your programs and files

### Maximize Your Budget

- ▶ Reduce technology ownership costs by 50% or more
- ▶ Extend the lifecycle of aging hardware
- ▶ Save on software licenses by buying based on number of simultaneous users instead of number of PCs



**Inventive**



## On-Demand Learning Platform



### Choose the perfect configuration to support your organization

UltraCAST™ can be configured to use industry-standard, thin-client technology from Citrix or Microsoft Terminal Services. Citrix is often selected when a cross-platform solution is desired for computers running Windows and Macintosh, or where support of Linux or Unix is required. Your existing Citrix or Microsoft Terminal Services servers can be incorporated into an UltraCAST™ solution providing access to the management and integration features of MediaCAST™.

### Functional Specifications

- ▶ Easy-to-use Web-enabled interface for users and technical personnel
- ▶ Grouping of users allows administrators to give access to software based on course enrollment or group membership
- ▶ License tracking and reporting make managing and delivering software simpler
- ▶ Load-balancing tools provide support for a single server supporting 80-200 users or for multiple servers working together to deliver various software to hundreds or thousands of simultaneous users

### Technical Specifications

- ▶ Supports Microsoft Terminal Services and Citrix
- ▶ Fault-tolerant architecture for maximum reliability in delivering software
- ▶ Built-in load balancing for scalability
- ▶ Modular design allows expansion of storage space and concurrent users
- ▶ Cross-platform solution that utilizes the client computer's Web browser
- ▶ Support for thin-client protocols including ICA (Independent Computer Architecture) and RMS (Remote Management System)



UltraCAST™ is a Web-enabled software module that allows MediaCAST™ to manage application streaming through Microsoft Terminal Services or Citrix. You can extend your computer replacement cycles by using older PCs like thin-client devices that can stream software to end users over your LAN, or over the Internet to their homes. Streamed applications run at the processing speed of the server instead of the older PCs.

Call us for information — 800 474-5128.

UltraCAST™ offers schools and organizations the opportunity to add new services while extending the life of computers, resulting in benefits to users and staggering savings.

Application serving, also known as thin-client computing, utilizes the power of servers to make software accessible. Users gain access to the latest software as if it were loaded on their local PC, but instead it is being run from servers. Traditional PCs, or "fat client" computers, are loaded with software, upgrades and patches and are maintained individually and replaced regularly. Over time, fat clients become burdened with outdated software, viruses and obsolescence, which decreases their performance and adds to the difficulty in keeping them running smoothly. Even with best practices in technology management, the task of watching over hundreds or thousands of PCs, such as you would in a modern school, is extremely time-consuming and incredibly expensive.

Organizations implementing application serving on a wide scale have reduced their technology costs over a three- or four-year period by 50% or more.

- ▶ The traditional software delivery model requires computers to have more and more horsepower to support new software. UltraCAST™ requires only a small amount of processing and memory. Even older, slow computers can effectively use the latest software. UltraCAST™ extends the life of your existing computers, saving you from upgrading or purchasing new computers as often.
- ▶ Instead of installing software on individual PCs, which limits access to only the programs loaded, UltraCAST™ enables a library of software to be accessed from all computers, controlled by its license management tools.
- ▶ In contrast to a distributed approach requiring each PC to be managed individually, UltraCAST™ centralizes distribution and management. Software applications, updates, upgrades and patches are installed on central servers instead of hundreds of PCs dispersed across the network, greatly reducing the amount of time necessary to keep things running smoothly.

### MediaCAST™ is:

- ▶ **Browser-based** for easy deployment
- ▶ **100% participation**—Windows and Mac
- ▶ **Digital formats** supported: Digital images, photos, live multicast or unicast broadcasts, animations, text, documents, multimedia presentations, Web pages, website links, Intranet sites & video & audio formats: Windows Media streaming, Flash, Apple Darwin (QuickTime), Real Helix, MPEG1, 2 & 4



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